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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFT..QFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVL   83
NTDB id 35535 HNEAP RS11315 WP 012825114.1  ....MTACLIVDDELDIRTLIALSLRREGVTCHLAADLASARAQLAESGHTLSFCLTDMRLPDGDGLDLLDEIRQRFPDLPVAVI   81
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLA..REPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPVAMI   81
consensus                                   !*!!!! !** !* **!*!*** ***!  *  !* ***     ** !!!!**!!!!*!!!!*  * !**!**!*!**

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NTDB id 1045 HON27 RS16330 WP 168727019.1   TAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTE.............................NALE   136
NTDB id 35535 HNEAP RS11315 WP 012825114.1  TAHGQVDAAVRALKAGAFDFVSKPIEQLVLKRLLRDALKARTLDSAPDQSSQHALGSSASGQDAAPREGPFDAGPNAADMGQGAA   166
NTDB id 1473 PAKAF RS24000 WP 003094694.1  TAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAE.............................EAPV   131
consensus                                   !!*!**! !* !!!!!!!!!**!!**** !* !*  !!* * ** *                                **

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NTDB id 1045 HON27 RS16330 WP 168727019.1   NKLLIGRSLPIQQLRIAIKKIARSQAPVFVTGESGTGKELVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGAT   221
NTDB id 35535 HNEAP RS11315 WP 012825114.1  KSPLIGPSRAMQMLRETIAKVARSQAPVFICGESGTGKELVARQIHELSGRADGPFIPVNCGAIPAELIESELFGHKKGAFTGAH   251
NTDB id 1473 PAKAF RS24000 WP 003094694.1  DNRLLGESPPMRALRNQIGKLARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAI   216
consensus                                     !*! ! *** !!  !*!*!!!!!!!***!!!!*!!!*!!***!*** ! **!!***!!!!!!*!!*!!!!*!!!!!!*!!!!

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NTDB id 1045 HON27 RS16330 WP 168727019.1   QDKQGLILSAHGGSLFLDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDL   306
NTDB id 35535 HNEAP RS11315 WP 012825114.1  QAHEGLFRAAEGGSLFLDEVADLPLGLQVKLLRAIQERKVRPVGEYAEVPIDVRIISASHQDLNAAVRDGRFRHDLFYRLNVIEL   336
NTDB id 1473 PAKAF RS24000 WP 003094694.1  EDKQGLFQAASGGTLFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIEL   301
consensus                                   ****!!* *! !!*!!!!!*!!!**!!!!!!!*!!***!*!!  *!* *!*!***!*!*!! * !* !*!!*!!**!**!**!

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NTDB id 1045 HON27 RS16330 WP 168727019.1   ILPPLRERGEDVLLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANIS   391
NTDB id 35535 HNEAP RS11315 WP 012825114.1  RVPPLRARLEDLPALCAHILGKLAEREHRPPPHLTPEALSWLAQQSFEGNVRGLENLLERAIALTEGDLLGVSAL..TDFPGD..   417
NTDB id 1473 PAKAF RS24000 WP 003094694.1  RVPPLRERREDIPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGA..   384
consensus                                   **!!!!*! !!***!* *** *** *   !*  !! *! **! ** !*!!!!*!*!**!!!**!*!** * ** !  ** **

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NTDB id 1045 HON27 RS16330 WP 168727019.1   NPFASAAQSIQTTVAAPQAV.KKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 35535 HNEAP RS11315 WP 012825114.1  NSFDSSAEQNGLHLGSPPDVKSTWGATPPSSALEAEEQRQVLSALEMTRWNRSEAARRLGLSLRQLRYRLAKWGVE.......   493
NTDB id 1473 PAKAF RS24000 WP 003094694.1  SQE.......GAA........SLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                   * * * *   *  ** *  * *    * ** *!! *!*****!!**!*!!!* !!**!!***!**!!!!*!*!**
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X non conserved

X similar

X ≥50% conserved